

Test by: F.I.R.S.T. AMC Inc. Mount Carroll, IL

2021 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] VIRDEN, IL
Roger Ladage, Macoupin County, IL 62690

Early-Season Test	105 - 110 Day CRM B2021ILWC28a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Matador, Roundup Powermax
SOIL DESCRIPTION:	Ipava silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 5.4 pH, 3.0% OM, 18.1 CEC
PEST MANAGEMENT:	Callisto, Aatrex 4I, Impactz, Defcon
FERTILITY - Applied N:	125 Fall, 62 Spring
Applied N-P-K (units):	187-92-150
SEEDED - RATE - ROW:	Apr 26 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 24 33.9 /A

TEST COMMENTS:

This location was planted on April 26th in near perfect soil conditions. Good weather patterns throughout the growing season facilitated the plants being able to produce large ears with very minimal tip back. While at no time during the season was there a lack of moisture, it did allow for some foliar disease to come in late and cause the plant to die quicker than normal and dry down the same. When Roger was asked how the rest of his fields were doing, his answer was a big smile! Followed by the comment, maybe one of his best crops in a long time.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Integra	5802 VT2PRIB ↗	VT2P	108	306.4	14.6	4	34.8	1685	1
Burrus	POWER PLUS 4C14AM ↗	AM	108	303.6	15.1	4	33.1	1669	2
Integra	6061 TRERIB ↗	TRE	110	303.3	17.2	4	33.1	1648	3
NuTech	70A8AM ↗	AM	110	300.3	16.1	4	34.8	1642	4
NuTech	68A7AM ↗	AM	108	297.2	15.9	4	33.0	1627	5
Great Heart	HT-6948VT2P ↗	VT2P	109	292.8	15.9	4	34.8	1602	7
Lewis	09DD740 ↗	VT2PDG	109	292.4	14.5	4	33.9	1608	6
Burrus	POWER PLUS 5L44AM ↗	AM	110	292.2	16.3	4	32.2	1595	9
FS InVision	FS 6017V RIB ↗	VT2P	110	291.7	15.2	4	33.1	1602	8
Golden Harvest	G10D21-5332 EZR ↗	5332	110	289.8	16.2	4	34.8	1584	11
Lewis	10DP719 ↗	VT2P	110	288.1	14.8	4	33.9	1585	10
FS InVision	FS 5815V RIB ↗	VT2P	108	286.6	14.7	4	33.9	1576	12
NK Brand	NK1026-5332 EZR ↗	5332	110	286.4	16.6	4	33.9	1561	14
Augusta	A1259-5222 ↗	5222	109	286.4	16.7	4	34.8	1560	15
NuTech	69B9Q ↗	QR	109	285.3	15.6	4	33.9	1564	13
NuTech	70F2Q ↗	QR	110	283.7	16.5	4	34.0	1548	17
Augusta	A1060-3330 ↗	3330	110	283.5	16.9	4	33.9	1543	18
Renk	RK782VT2P ↗	VT2P	109	283.4	14.7	4	33.1	1559	16
Lewis	08DP739 ↗	VT2P	108	280.0	15.5	4	33.1	1536	19
Stone	0931SSRIB ↗	STX	109	278.7	15.8	4	33.9	1526	21
Golden Harvest	G07G73-5122 EZR ↗	5122	107	278.3	16.9	4	34.8	1515	25
Hefty	H5812 RIB ↗	VT2P	108	277.8	15.1	3	34.8	1527	20
Wyffels	W6408RIB ↗	STX	110	277.7	18.2	4	33.1	1501	27
Pioneer	P0825AMXT GC ↗	AMXT	108	277.5	15.3	4	33.9	1524	23
Integra	5719 VT2PRIB ↗	VT2P	107	276.9	13.9	4	33.1	1523	24
Stone	6078RIB ↗	STX	110	275.0	15.6	4	34.8	1508	26
Integra	5682 VT2PRIB ↗	VT2P	106	272.5	14.6	4	33.9	1499	28
Wyffels	W4196RIB ↗	VT2P	105	271.6	15.0	4	34.8	1494	29
Becks	6049V2P GC ↗	VT2P	110	270.7	14.5	4	33.1	1489	30
Cornelius	C575DP ↗	VT2P	109	269.8	15.5	4	34.8	1480	31
Pioneer	P1108Q CK	QR	111	278.7	16.0	4	33.9	1524	22
				Averages =	275.4	15.4	4	33.9	1510
				LSD (0.10) =	14.2	0.8	ns		
				LSD (0.25) =	7.5	0.4	ns		
				C.V. =	4.9				
				Historic yield: 206.34 bu/a, 24 yr(s)					

Nathan Roux

nathan.g.roux@gmail.com, (815) 716-3794

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.50

Report Date: 09/24/2021

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ New! Links to full product yield results at www.firstseedtests.com

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2021 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] VIRDEN, IL
Roger Ladage, Macoupin County, IL 62690

Full-Season Test	111 - 115 Day CRM B2021ILWC28b
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Matador, Roundup Powermax
SOIL DESCRIPTION:	Ipava silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 5.4 pH, 3.0% OM, 18.1 CEC
PEST MANAGEMENT:	Callisto, Aatrex 4I, Impactz, Defcon
FERTILITY - Applied N:	125 Fall, 62 Spring
Applied N-P-K (units):	187-92-150
SEEDED - RATE - ROW:	Apr 26 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 24 33.8 /A

TEST COMMENTS:

This location was planted on April 26th in near perfect soil conditions. Good weather patterns throughout the growing season facilitated the plants being able to produce large ears with very minimal tip back. While at no time during the season was there a lack of moisture, it did allow for some foliar disease to come in late and cause the plant to die quicker than normal and dry down the same. When Roger was asked how the rest of his fields were doing, his answer was a big smile! Followed by the comment, maybe one of his best crops in a long time.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Lewis	15DP899 ↗	VT2P	115	312.7	19.1	4	33.9	1682	2
FS InVision	FS 6595V RIB ↗	VT2P	115	311.1	19.6	4	34.8	1668	3
Stone	1122SSRIB ↗	STX	111	311.0	17.2	4	33.9	1690	1
Cornelius	C7366DGDP ↗	VT2PDG	113	306.2	17.3	4	33.9	1663	4
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	302.5	17.9	4	33.9	1637	5
Renk	RK915VT2P ↗	VT2P	115	294.6	18.6	4	33.9	1588	9
ProHarvest	8360 VT2PRIB ↗	VT2P	113	293.9	18.8	4	33.9	1583	11
Cornelius	C7125DP ↗	VT2P	111	292.4	16.1	4	33.1	1599	6
Integra	6162 VT2PRIB ↗	VT2P	111	292.4	16.4	4	33.9	1596	7
Stone	6368RIB ↗	STX	113	292.3	17.6	4	34.8	1585	10
Renk	RK937VT2P ↗	VT2P	113	290.8	15.7	4	34.8	1593	8
Lewis	15DT512 ↗	TRE	115	290.7	18.3	4	33.9	1570	15
NuTech	74B6AM ↗	AM	114	290.6	18.2	4	32.2	1570	16
Great Heart	HT-7256DGVT2P ↗	VT2PDG	112	289.4	17.2	4	33.9	1573	13
Augusta	A6362-5122-EZ GC ↗	5122	112	289.3	17.4	4	33.9	1570	17
ProHarvest	83P33 DGVT2PRIB ↗	VT2PDG	113	289.3	17.5	4	35.7	1570	18
Hefty	H6252 ↗	VT2P	112	288.2	16.6	4	34.8	1571	14
Golden Harvest	G14N11-5222 EZR ↗	5222	114	287.3	18.6	4	34.8	1549	26
Hefty	H6355 ↗	TRE	113	286.6	15.1	4	33.1	1576	12
Cornelius	C7270DP ↗	VT2P	112	286.3	16.5	4	32.1	1562	19
ProHarvest	82P29 VT2PRIB ↗	VT2P	112	286.0	16.7	4	33.9	1558	20
Lewis	12DT302 ↗	TRE	112	285.1	16.2	4	33.1	1558	21
Pioneer	P1366Q GC ↗	QR	113	284.9	16.9	4	33.1	1551	22
NuTech	71F5Q ↗	QR	111	284.3	16.5	4	33.9	1551	23
Becks	6374V2P GC ↗	VT2P	113	284.3	16.6	4	34.8	1550	25
FS InVision	FS 6306T RIB ↗	TRE	113	284.3	16.5	4	33.1	1551	24
NuTech	74F3AM ↗	AM	114	282.5	17.2	4	33.1	1535	29
Hefty	H6132 RIB ↗	VT2P	111	282.1	16.3	4	33.9	1540	27
Burrus	POWER PLUS 6J92AM ↗	AM	113	281.6	16.5	4	33.9	1536	28
Integra	6555 VT2PRIB ↗	VT2P	114	281.2	16.3	4	34.8	1535	30
Pioneer	P1108Q CK	QR	111	264.6	16.4	4	33.9	1444	61
				Averages =	278.4	17.3	4	33.8	1512
				LSD (0.10) =	14.5	0.8	ns		
				LSD (0.25) =	7.6	0.4	ns		
				C.V. =	5.0	Historic yield: 206.34 bu/a, 24 yr(s)			

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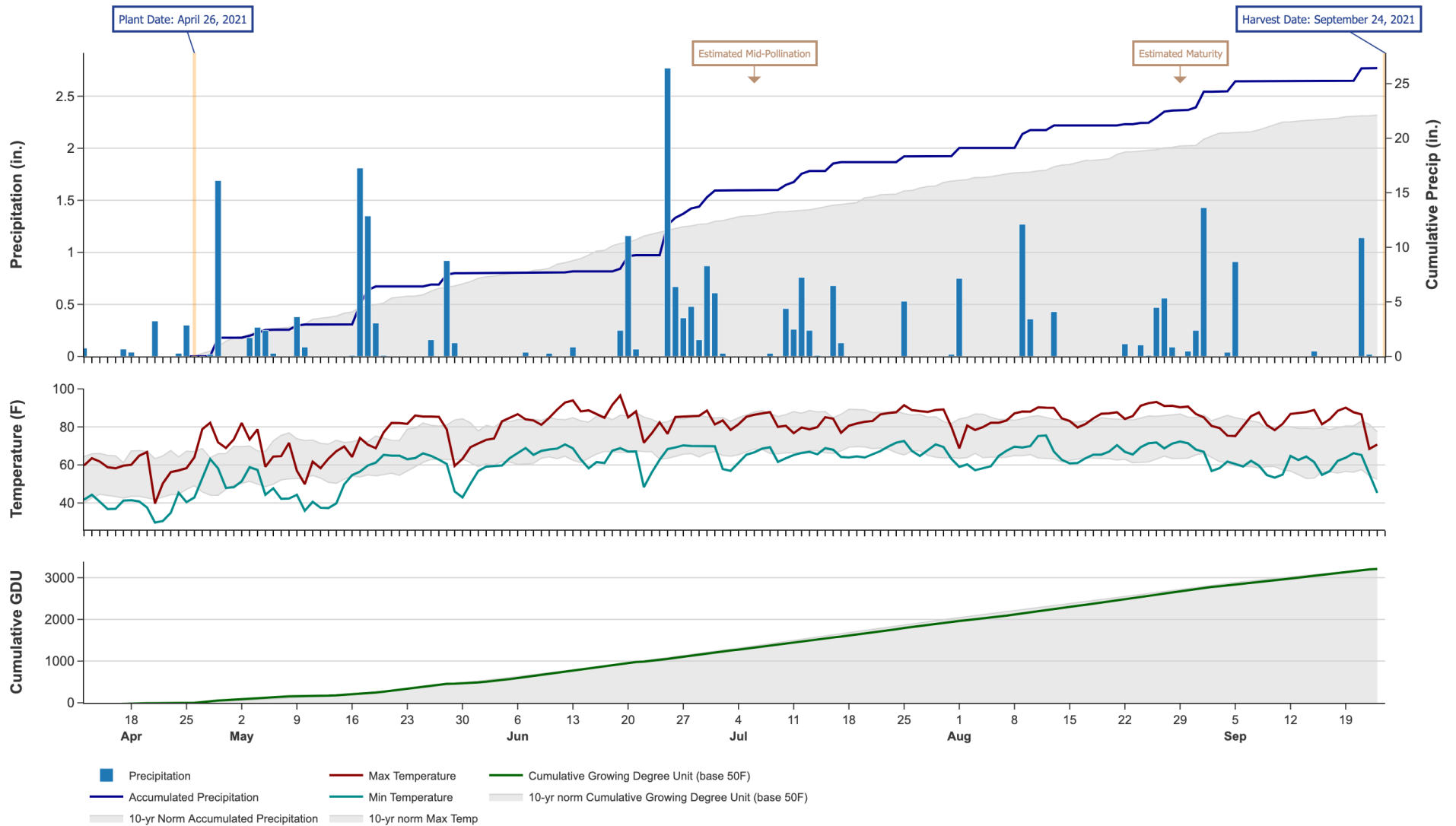
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2021 Corn - Illinois West Central [ILWC]

Weather Conditions Summary at VIRDEN, IL

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) Normal (Diff)	2.6 3.6 (-1.1)	5.9 5.5 (+0.5)	7.0 5.3 (+1.7)	3.8 3.9 (-0.1)	4.5 3.3 (+1.2)	3.6 2.8 (+0.8)	27.3 24.3 (+3.0)
GDU Normal (Diff)	117 148 (-31)	412 464 (-52)	713 714 (-1)	760 808 (-48)	783 745 (+37)	478 449 (+28)	3263 3332 (-69)



* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

2021 Corn - Illinois West Central [ILWC]

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1060-3330	3330	N	110	CM,C2
Augusta	A1259-5222	5222	N	109	CM,C2
Becks	6049V2P GC	VT2P	Y	110	Es
Burrus	POWER PLUS 4C14AM	AM	Y	108	Lum
Burrus	POWER PLUS 5L44AM	AM	Y	110	Lum,P1V
Cornelius	C575DP	VT2P	N	109	CM,C2,Vi
Cornelius	C7004DP	VT2P	N	110	CM,C2,Vi
FS InVision	FS 5515D2 EZR	5222	Y	105	CM,C2,Vi
FS InVision	FS 5704V RIB	VT2P	Y	107	AC,P5V
FS InVision	FS 5815V RIB	VT2P	Y	108	AC,P5V,EDC-EL
FS InVision	FS 5909D2A EZR	5222A	Y	109	AC,P5V
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V,EDC-EL
Golden Harvest	G07G73-5122 EZR	5122	Y	107	AVC,C2,Vi
Golden Harvest	G10D21-5332 EZR	5332	Y	110	AVC,C5,Vi
Great Heart	HT-6822VT2P	VT2P	Y	108	AC,P5V
Great Heart	HT-6948VT2P	VT2P	Y	109	AC,P5V
Hefty	H5444	STX	N	104	HC
Hefty	H5812 RIB	VT2P	Y	108	HC
Hefty	H5832 RIB	VT2P	Y	108	HC
Hefty	H5944 RIB	STX	Y	109	HC
Integra	5682 VT2PRIB	VT2P	Y	106	AC,P5V,EDC-B
Integra	5719 VT2PRIB	VT2P	Y	107	AC,P2,SU
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,EDC-B
Integra	6061 TRERIB	TRE	Y	110	AC,P5V,SU
Lewis	05DD690	VT2PDG	Y	105	AC,P5,EDC
Lewis	07DT081	TRE	Y	107	AC,P5,EDC
Lewis	08DP739	VT2P	Y	108	AC,P2,B360
Lewis	09DD740	VT2PDG	Y	109	AC,P5,EDC
Lewis	10DP719	VT2P	Y	110	AC,P2,B360
NK Brand	NK1026-5332 EZR	5332	Y	110	AVC,C5,Vi
NuTech	66C2Q	QR	Y	106	Lum,P1V
NuTech	68A7AM	AM	Y	108	Lum,P1V
NuTech	69B9Q	QR	Y	109	Lum,P1V
NuTech	70A8AM	AM	Y	110	Lum,P1V
NuTech	70F2Q	QR	Y	110	Lum,P1V
Pioneer	P0825AMXT GC	AMXT	Y	108	Lum

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Pioneer	P1108Q CK	QR	Y	111	Lum
Renk	RK700SSTX	STX	N	107	AC,P5V
Renk	RK710DGV2P	VT2PDG	Y	107	AC,P2
Renk	RK765VT2PRIB	VT2P	Y	109	AC,P2
Renk	RK782VT2P	VT2P	N	109	AC,P5V
Renk	RK805VT2P	VT2P	N	110	AC,P2
Stone	0931SSRIB	STX	Y	109	AC,P5V,B-300
Stone	6078RIB	STX	Y	110	AC,P5V,EDC-B
Wyffels	W4196RIB	VT2P	Y	105	AC,P2
Wyffels	W4588	STX	N	105	AC,P5V
Wyffels	W5086RIB	VT2P	Y	107	AC,P2
Wyffels	W6408RIB	STX	Y	110	AC,P5V

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

2021 Corn - Illinois West Central [ILWC]

Full-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A2362 VT2P GC	VT2P	N	112	CM,C2
Augusta	A3363 VT2PDG GC	VT2PDG	N	113	CM,C2
Augusta	A5065-3110GT GC	3110	N	115	CM,C2
Augusta	A6362-5122-EZ GC	5122	Y	112	AVC,C5
Becks	6374V2P GC	VT2P	Y	113	Es
Becks	6414V2P GC	VT2P	Y	114	Es
Becks	6557V2P GC	VT2P	Y	115	Es
Burrus	6Y61 DGVT2P	VT2PDG	Y	113	AC,P5V,B-300
Burrus	POWER PLUS 6J92AM	AM	Y	113	BPS
Cornelius	7228VT2P	VT2P	N	112	CM,C2,Vi
Cornelius	C7125DP	VT2P	N	111	CM,C2,Vi
Cornelius	C7270DP	VT2P	N	112	CM,C2,Vi
Cornelius	C7366DGDP	VT2PDG	N	113	CM,C2,Vi
Dyna-Gro	D51SS61	STX	N	111	AC,P5V
Dyna-Gro	D53SS13	STX	N	113	AC,P5V
FS InVision	FS 6106X RIB	STX	Y	111	AC,P5V
FS InVision	FS 6306T RIB	TRE	Y	113	AC,P5V
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V
FS InVision	FS 6406X RIB	STX	Y	114	AC,P5V
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V
Golden Harvest	G12S75-5122 EZR	5122	Y	112	AVC,C5,Vi
Golden Harvest	G14N11-5222 EZR	5222	Y	114	AVC,C5,Vi
Golden Harvest	G15J91-3220 EZR	3220	Y	115	AVC,C5,Vi
Great Heart	HT-7148TRE	TRE	Y	111	AC,P5V
Great Heart	HT-7256DGVT2P	VT2PDG	Y	112	AC,P5V
Great Heart	HT-7302VT2P	VT2P	Y	113	AC,P5V
Great Heart	HT-7443VT2P	VT2P	Y	114	AC,P5V
Green Valley	GV8102VT2PRIB	VT2P	Y	111	AC250
Green Valley	GV8212VT2PRIB	VT2P	Y	112	AC250
Green Valley	GV8392VT2PRIB	VT2P	Y	113	AC250
Hefty	H6132 RIB	VT2P	Y	111	HC
Hefty	H6244 RIB	STX	Y	112	HC
Hefty	H6252	VT2P	N	112	HC
Hefty	H6355	TRE	N	113	HC
Hefty	H6552	VT2P	N	115	HC
Integra	6162 VT2PRIB	VT2P	Y	111	AC,P5V,EDC-B

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Integra	6342 TRERIB	TRE	Y	113	AC,P5V,EDC-B
Integra	6410 VT2PRIB	VT2P	Y	114	AC,P5V,SU
Integra	6555 VT2PRIB	VT2P	Y	114	AC,P5V,SU
Lewis	11DT912	TRE	Y	111	AC,P5,EDC
Lewis	12DT302	TRE	Y	112	AC,P5,EDC
Lewis	13DT272	TRE	Y	113	AC,P5,EDC
Lewis	15DP899	VT2P	Y	115	AC,P2,B360
Lewis	15DT512	TRE	Y	115	AC,P5,EDC
NK Brand	NK1239-5122 EZR	5122	Y	112	AVC,C5,Vi
NK Brand	NK1321-3120 EZR	3120	Y	113	AVC,C5,Vi
NK Brand	NK1349-3220 EZR	3220	Y	113	AVC,C5,Vi
NuTech	71F5Q	QR	N	111	Lum,P1V
NuTech	72B7Q	QR	Y	112	Lum,P1V
NuTech	74A9AM	AM	Y	114	Lum,P1V
NuTech	74B6AM	AM	Y	114	Lum,P1V
NuTech	74F3AM	AM	Y	114	Lum,P1V
Pioneer	P1108Q CK	QR	Y	111	Lum
Pioneer	P1366Q GC	QR	Y	113	Lum
ProHarvest	81P88 TRERIB	TRE	Y	111	AC,P5V
ProHarvest	82P29 VT2PRIB	VT2P	Y	112	AC,P5V
ProHarvest	8360 VT2PRIB	VT2P	Y	113	AC,P5V
ProHarvest	83P33 DGVT2PRIB	VT2PDG	Y	113	AC,P5V
Renk	RK826VT2P	VT2P	N	111	AC,P5V
Renk	RK882TRE	TRE	N	111	AC,P2
Renk	RK895DGVT2P	VT2PDG	N	113	AC,P5V
Renk	RK915VT2P	VT2P	N	115	AC,P5V
Renk	RK937VT2P	VT2P	Y	113	AC,P2
Stone	1122SSRIB	STX	Y	111	AC,P5V,EDC-B
Stone	1332SSRIB	STX	Y	113	AC,P5V,EDC-B
Stone	1521SSRIB	STX	Y	115	AC,P5V,EDC-B
Stone	6368RIB	STX	Y	113	AC,P5V,EDC-B
Wyffels	W7208	STX	N	112	AC,P5V
Wyffels	W7416	VT2P	N	112	AC,P2
Wyffels	W7536DG	VT2PDG	N	112	AC,P2
Wyffels	W7876RIB	VT2P	Y	114	AC,P2
Wyffels	W7956RIB	VT2P	Y	114	AC,P2

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

Footnotes and Abbreviations Descriptions

Brand Footnotes

[^] Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.

CK Identifies a check product included in early- and full-season tests.

GC Grower Comparison product included by FIRST when space permits.

Corn Technologies

3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3120	Agrisure® 3120 (CB,HX,LL,GT)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
5222A	Agrisure® Duracade™ Artesian® 5222
5332	Agrisure® Duracade® 5332 (Vip, CB, HX, RW, RW2, LL, GT)
AM	Optimum® AcreMax®
AMXT	Optimum® AcreMax® Xtreme
QR	Qrome™
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

NOTE: The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments*

NA	Not Available
AC250	Acceleron® 250
AC,P2	Acceleron® 250
AC,P2,B360	Acceleron® 250 with BioRise™ B-360 ST
AC,P2,SU	Acceleron® 250, StepUp
AC,P5,EDC	Acceleron® 500, Enhanced Disease Control
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B-300	Acceleron® Poncho 500/Votivo with B-300 SAT
AC,P5V,EDC-B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,EDC- EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,SU	Acceleron® Poncho 500/Votivo, StepUp
AVC,C2,Vi	Avicta® Complete 250, Vibrance®
AVC,C5	Avicta® Complete 500
AVC,C5,Vi	Avicta® Complete 500, Vibrance
BPS	Burrus PowerShield
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
Es	Escalate
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo

* Seed treatments may include unspecified plant health promoting components.